

Amendments to the Specification

Please replace paragraph [0007] on page 3 with the following amended paragraph:

The Bluetooth Specification also regulates packets to be transmitted on the ACL link. Nothing is however regulated on how to measure, in a piconet established, the quality of an RF channel at slave devices which are going to receive packets, nor a quality standard for use in controlling, in accordance with a result from the measurement, a ~~[[mater]]~~ master device, i.e. a remote device, to select an appropriate type of packets. This in practice renders designers' discretion specific for Bluetooth devices designing the detailed specifications of the CQDDR function stated earlier.

Please replace paragraph [0023] on page 10 with the following amended paragraph:

The receiver 24 has its input port ~~[[23]]~~ connected from the RF switch 20. The RF switch 20 is adapted to select, when receiving, the receiver 24 as a sink to provide the latter with the signal 32. The receiver 24 is adapted to amplify and band-limit the signal 32. The receiver 24 is adapted for multiplying the band-limited signal with one of the carrier frequencies, of which a spread code is periodically selected in response to the FH control signal 28, for thereby despread-processing. The receiver 24 filters the signal thus multiplied to pass its intermediate frequency (IF) band, and FM demodulates the resultant, filtered signal. With the despread processing, the received signal is

multiplied with a code perfectly identical and synchronous with the code used for spreading spectrum at a transmitter to thereby restore the original signal. The FM demodulation thus made is a primary demodulation corresponding to the primary modulation made on the transmitter. The receiver 24 develops the baseband signal 34 resultant from the FM demodulation to the baseband module 12.